

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with J. Paul Plummer on January 31, 2008.

The application has been amended as follows:

**Claim 1 has been amended as follows:**

In line 7, "an amplitude spectrum" has been changed to the amplitude spectrum. *mpo 3/19/08*

In line 8, "taper to zero at a rate faster than does" has been changed to have

amplitude values less than corresponding amplitudes from.

In line 9, "an amplitude spectrum" has been changed to the amplitude spectrum. *mpo 3/19/08*

**Claim 26 has been amended as follows:**

In line 9, "an amplitude spectrum" has been changed to the amplitude spectrum.

In line 10, "taper to zero at a rate faster than does" has been changed to have  
amplitude values less than corresponding amplitudes from.

In line 11, "an amplitude spectrum" has been changed to the amplitude  
spectrum.

### REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance: the prior art does not teach or make obvious specifying a desired seismic wherein the high and low